

Attorney's Docket No.:06618-733001

m thanol to only said dges portion of said membranes of said electrochemical cells.

4. (Currently amended) A fuel cell as in claim 1, wherein said membranes are formed of a planar structure, and said interconnects are also formed of planar structures of substantially the same size as said electrochemical cells.

5. (Previously amended) A fuel cell, comprising:
a plurality of membrane assemblies, arranged substantially adjacent to one another, each membrane assembly being electrochemically active to produce a voltage when an electrochemical reaction occurs;

a plurality of electrodes, in contact with said membrane assemblies; and

a plurality of interconnects, located between adjacent ones of said electrodes, wherein a ratio of an area of an interconnect to an area of the electrode is at least 0.2.

6. (Original) A fuel cell as in claim 5, wherein said ratio is substantially 0.2.

7. (Original) A fuel cell as in claim 5, wherein said interconnects are formed of a past .

Attorney's Docket No.:06618-733001

8. (Original) A fuel cell as in claim 7, wherein said paste includes graphite therein.

9. (Original) A fuel cell as in claim 7, wherein said paste includes graphite herein and a heat curing binder.

10-13. (Canceled) Please add the following new claims:

14. (Previously added) A fuel cell as in claim 1, wherein said electrochemical cells are arranged such that an anode of one of said electrochemical cells contacts a cathode of another of said electrochemical cells.

15. (Currently amended) A fuel cell as in claim 14, wherein said electrochemical cells produce a voltage current which travels along a length of the cell.

16. (Currently amended) A fuel cell as in claim 14, wherein said electrochemical cells produce a voltage current which travels along a width of the cell.

17. (Currently amended) A fuel cell as in claim 5, wherein said membrane assemblies each include an anode part, a

Attorney's Docket No.: 06618-733001

cathode part, and a membrane part, between said anod and
notecards cathode.

18. (Previously added) A fuel cell as in claim 17,
wherein said membrane assemblies produce a voltage which travels
along a length of the membrane assemblies.

19. (Previously added) A fuel cell as in claim 17,
wherein said membrane assemblies produce a voltage which travels
along a width of the membrane assemblies.

20. (New) A method of forming a fuel cell as in claim 5,
comprising:

forming a plurality of assemblies which are substantially
adjacent with one another;

coating said membranes with a catalyst layer coating;

forming interconnects of a paste with a heat curing binder
therein, between electrodes associated with said membranes; and

hot pressing, wherein said heat curing binder is heated
during said hot pressing said electrodes to form a membrane
electrode assembly.